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1 1. A device comprising:
2 an optics element to facilitate viewing;
3 an image sensor to capture frames;
4 a storage to store a sequence of frames of
5 predetermined duration, said storage coupled to said
6 sensor;
7 a display coupled to said storage to display the
8 sequence of frames; and
9 a controller to automatically store successive
10 sequences of frames of predetermined duration including an
11 earlier and later sequence, said controller to store a
12 later sequence of frames in said storage, automatically
13 overwriting an earlier sequence of frames.

1 2. The device of claim 1 wherein said controller
2 stores a first sequence of frames and, at the end of the
3 first sequence, loops back to the beginning of the first
4 sequence and overwrites the first sequence of frames with a
5 second sequence of frames.

1 3. The device of claim 1 wherein said storage has
2 the capacity to store an integral number of sequences of
3 frames of predetermined duration.

1 4. The device of claim 3 wherein said storage has a
2 capacity to store substantially only one sequence of frames
3 of predetermined duration.

1 5. The device of claim 1 wherein said device is a
2 camera.

1 6. The device of claim 1 wherein said device is a
2 telescope.

1 7. The device of claim 1 wherein said device is a
2 microscope.

1 8. The device of claim 1 wherein said device is
2 binoculars.

1 9. The device of claim 1 wherein said optics element
2 includes a beam splitter, said beam splitter arranged to
3 reflect light from said display and said image sensor.

1 10. The device of claim 9 including a shutter to
2 control viewing access to said optics element.

1 11. The device of claim 1 wherein said device
2 selectively enables the user to view said display or a
3 scene through said optics element.

1 12. The device of claim 1 wherein said optics element
2 is in light communication with said image sensor and the
3 only way to view a scene through said optics element is by
4 way of said display.

1 13. The device of claim 1 wherein said controller
2 enables the user to select when to display a sequence of
3 frames of predetermined duration.

1 14. A method comprising:
2 recording a sequence of frames of predetermined
3 duration;
4 overwriting said recorded sequence of frames with
5 an ensuing sequence of frames of substantially the same
6 duration; and
7 in response to user selection, enabling the user
8 to view a recorded sequence of frames.

1 15. The method of claim 14 including storing a first
2 sequence of frames of predetermined duration and, at the
3 end of said first sequence, looping back to the beginning
4 of the first sequence and overwriting said first sequence
5 with a second sequence of frames.

1 16. The method of claim 14 including storing a
2 integral number of sequences of frames of predetermined
3 duration.

1 17. The method of claim 14 including enabling the
2 user to selectively view a scene or a recorded sequence of
3 frames of predetermined duration.

1 18. The method of claim 14 including displaying a
2 real time image on a display and selectively enabling the
3 user to replace the real time display with the display of a
4 stored sequence of frames.

1 19. An article comprising a medium storing
2 instructions that enable a processor-based system to:
3 record a sequence of frames of predetermined
4 duration;
5 overwrite said recorded sequence of frames with
6 an ensuing sequence of frames of substantially the same
7 duration; and
8 in response to user selection, enable the user to
9 view a recorded sequence of frames.

1 20. The article of claim 19 further storing
2 instructions that enable the processor-based system to
3 store a first sequence of frames of predetermined duration

4 and, at the end of said first sequence, loop back to the
5 beginning of the first sequence and overwrite said first
6 sequence with a second sequence of frames.

1 21. The article of claim 19 further storing
2 instructions that enable the processor-based system to
3 store an integral number of sequences of frames of
4 predetermined duration.

1 22. The article of claim 19 further storing
2 instructions that enable the processor-based system to
3 enable the user to selectively view a scene or a recorded
4 sequence of frames of predetermined duration.

1 23. The article of claim 19 further storing
2 instructions that enable the processor-based system to
3 display a real time image on a display or selectively
4 enable the user to replace the real time display with the
5 display of a stored sequence of frames.